



Developing an Asset Management Plan

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Topics

- →Brief History of PROGGRES
- →Walk Thru of PROGGRES
- →Discussion of Future Enhancements



Funding sources for DRPT Six Year Improvement Program

Mass Transit Trust Fund

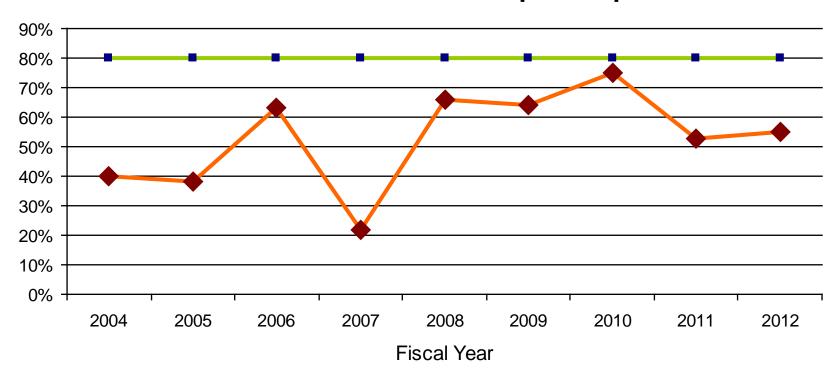
Mass Transit Capital Fund

Federal Funding, both DRPT and grantees' funding

FY 12, DRPT managed a capital program of \$379M with a staff of five Program Administrators.

Grantees have no idea from year to year what our funding or our state match will be.

State Share of Non-Federal Capital Expenses

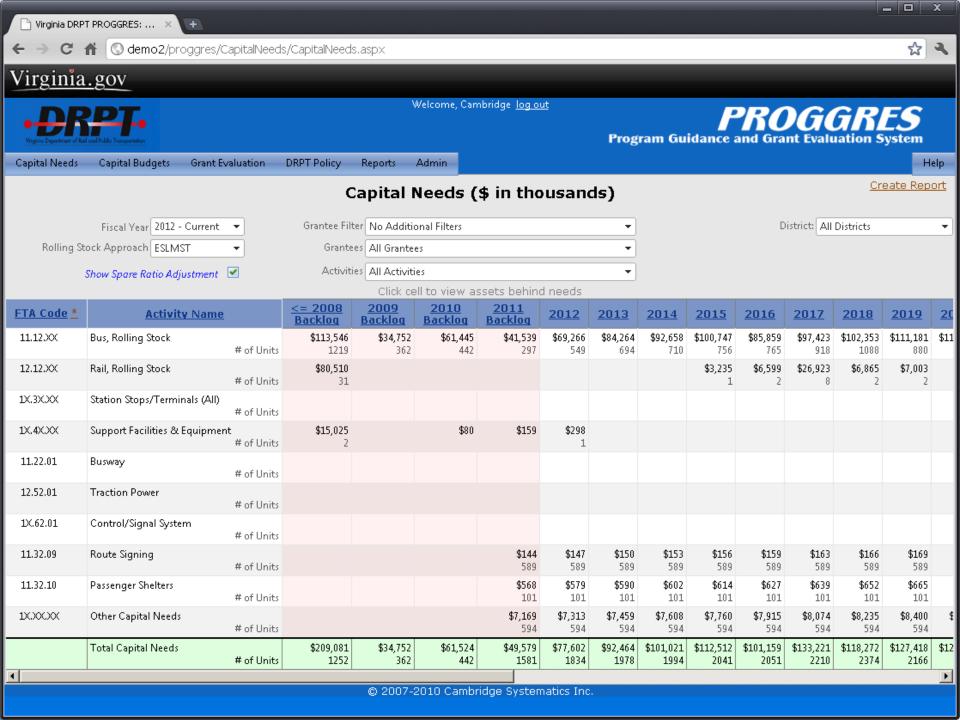


Actual State Share of Non-federal CostTarget State Match for Rolling Stock



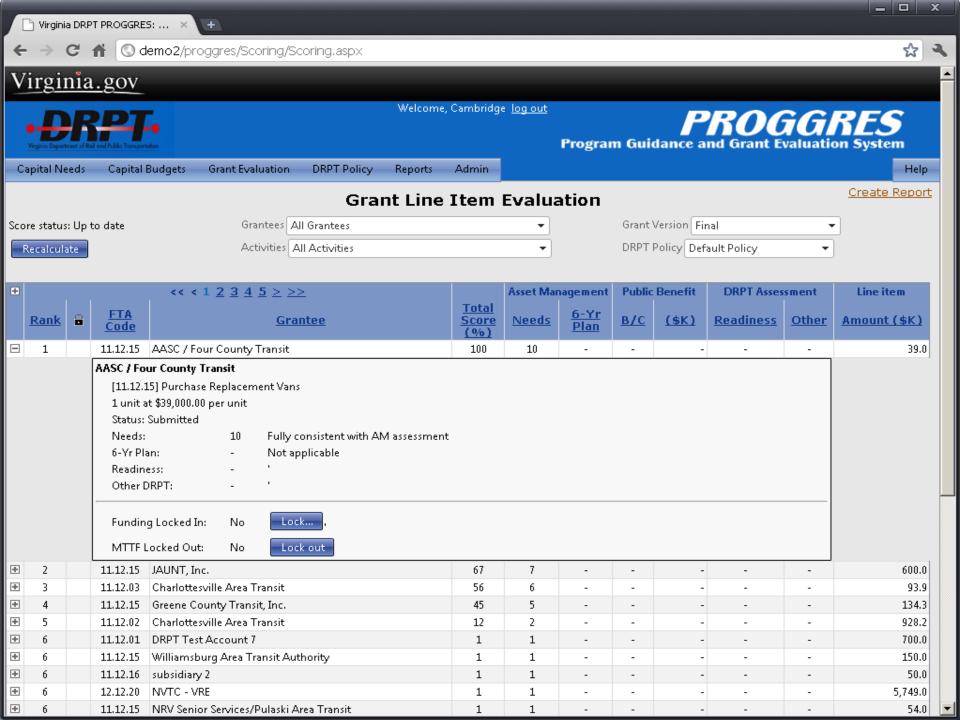
Goals of Asset Management System:

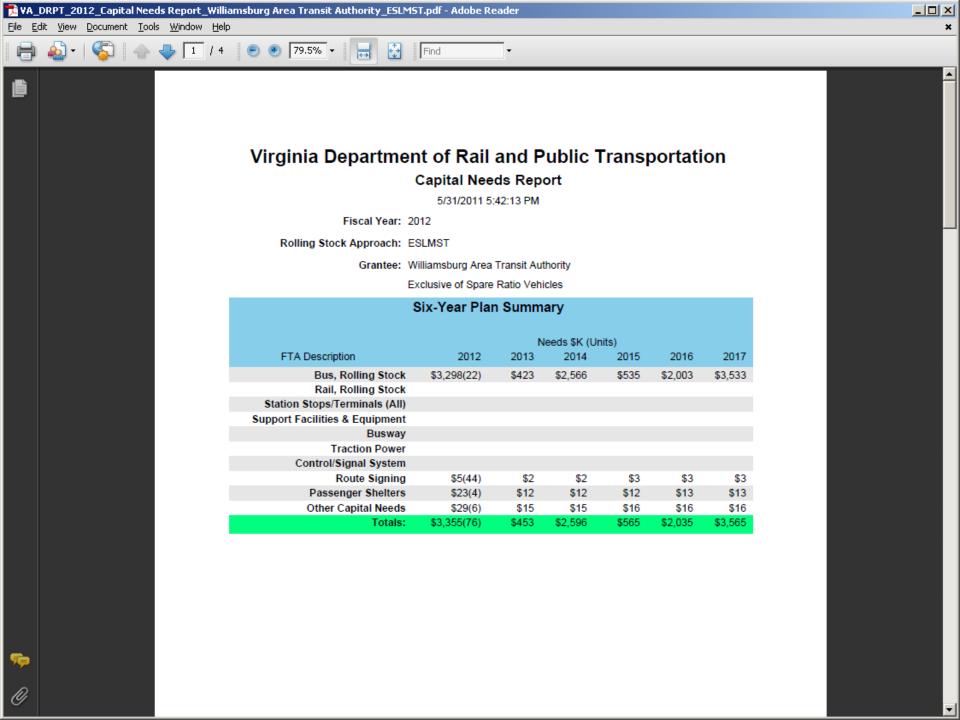
- A quick, equitable and systematic method of assessing the applications for our limited grant resources
- ➤ A realistic method of calculating capital needs over a 20 year planning horizon
- A method for scoring applications based on several criteria, such as public benefit model, compliance with planning requirements, etc.

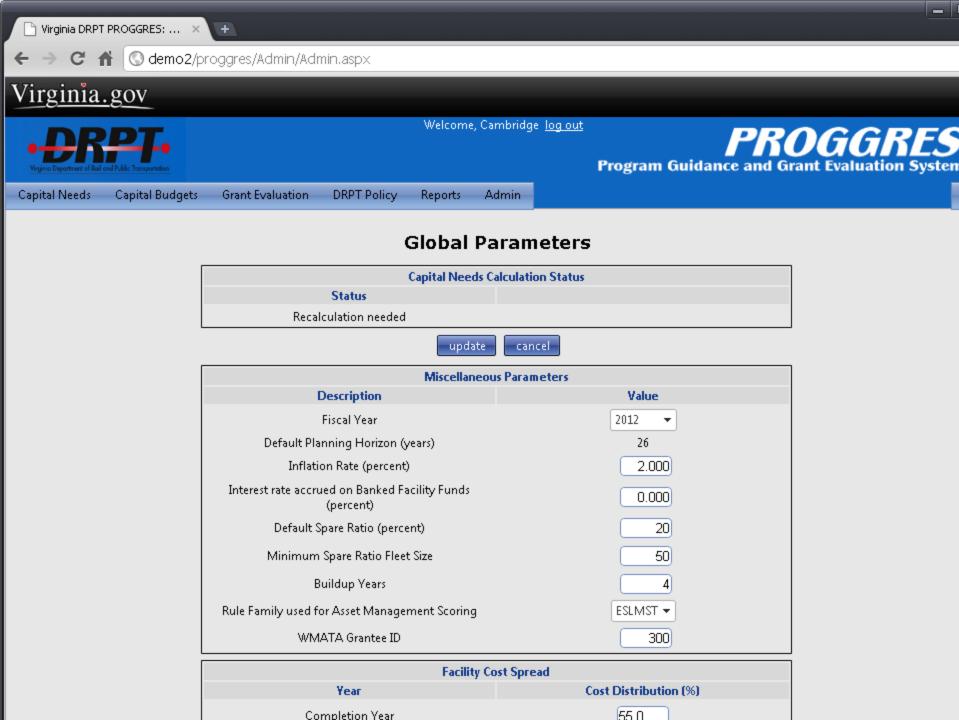














Project Impacts

- Now in third annual cycle of use; considered very successful
- Grant application workflow adapted to leverage SOGR forecasts
- DRPT can justify expenditures and ensure "best use" of funds
- FTA grant application submitted to enhance and release as an open source application



FTA Grant Proposal

- Enhance PROGGRES to create "Trans-AM"
- Requirements from the entire transit community
 - -Expanded technical capabilities
 - -More modular and flexible
- Implement Trans-AM at DRPT and other participating properties
- Release Trans-AM as Open Source software
 - -Support enhancements and innovation without vendor-imposed limitations



SOGR Technical Enhancements

- Strategies: Add Major Overhaul and other rehabilitation approaches
- Assess capital impacts of service expansion
- Evaluation of complex policies, combining replacements, service expansion, and rehab
- Link FTA funding sources to evaluate funding needs and local match requirements



"Trans-AM" System Features

- Web based can be installed by an agency or run "in the cloud"
- Relies on free, open-source databases and related tools
- Open XML interfaces support linkages with existing asset management systems



Project Benefits

- Advanced approach based on established, proven technology
- Open source community involvement spurs innovation among industry, research, academic, and vendor communities
- User are freely able to modify and adapt the system to meet their own needs



Work Plan

- 1. Identify a "Peer panel" of transit properties to define requirements
- 2. Develop visual prototypes to refine and agree on the system design
- 3. Iterative, incremental development
- 4. Deployment, implementation, training, support at DRPT and peer agencies
- 5. Establish Open Source project, training, & outreach